

Arboviral Surveillance Report

August 15th, 2022

Surveillance

This report provides data on Week 32 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were seventeen (17) WNV positive mosquito pools.

Mosquitoes (data from 78 traps)

Week 32 (8/8/22 – 8/12/22)	
Total Collections (Number of Traps X Frequency of Collection)	147
Number of Female <i>Culex</i> Trapped and Tested	757
Number of Pools Tested	67
Number of Pools Positive	17
Number of Community Areas with Positive Mosquito Pools	13
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1267
Number of Female <i>Culex</i> Trapped and Tested	7196
Number of Pools Tested	624
Number of Pools Positive	39
Number of Community Areas with Positive Mosquito Pools	20

Community Areas with Positive Mosquito Pools (cumulative):

North Park, Lincoln Square, Roseland, O'Hare, Austin, West Town, Beverly, Dunning, East Garfield Park, North Lawndale, West Pullman, South Deering, Forest Glen, Norwood Park, Irving Park, Rogers Park, Lake View, Edgewater, Lincoln Park and Englewood.

Dead Birds: 4 - 4 unable to test

***Aedes albopictus* (cumulative):** 631 females and 201 males

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the city is moderate.

Larval and Adult Mosquito Control Efforts

There are no planned adulticide (spray) applications for the week of August 15th. Catch basins will be sampled weekly to assess the level of control of the larvicide. To date, we have sampled 1020 catch basins in the public way.